

May 2025

Amerikkalaisten palveluiden tila ja luottamusta rapauttava kehitys - Sovereign Cloud / Digital Sovereignty

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What's up?

'Why won't Microsoft spy for the US?' Trump adviser's query, recounted in exec's book, shows need for global norms in tech

BY TODD BISHOP on September 10, 2019 at 8:37 am



Microsoft President Brad Smith's new book, *Tools and Weapons*, is out today. (GeekWire File Photo)

How Lidl accidentally took on the big guns of cloud computing

A unit of Europe's largest retailer is offering IT services to companies wary of big providers such as Amazon and Google



Lidl built a cloud computing system for its own use but found that other German businesses were debating whether they wanted to use the biggest cloud services in the US and China © Dreamstime

Criminal Court: Microsoft's email block a wake-up call for digital sovereignty

Microsoft blocked the email account of Chief Prosecutor of the International Court of Justice after Trump's sanctions. Critics: "We urgently need alternatives."

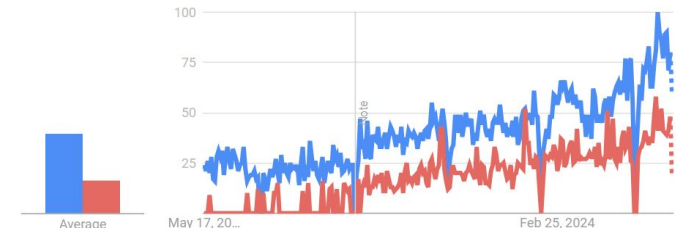


The International Criminal Court in The Hague. (Image: ICC)

May 19, 2025 at 8:52 am CEST 4 min. read

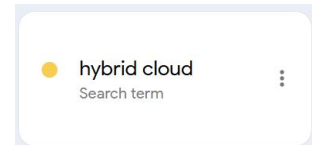
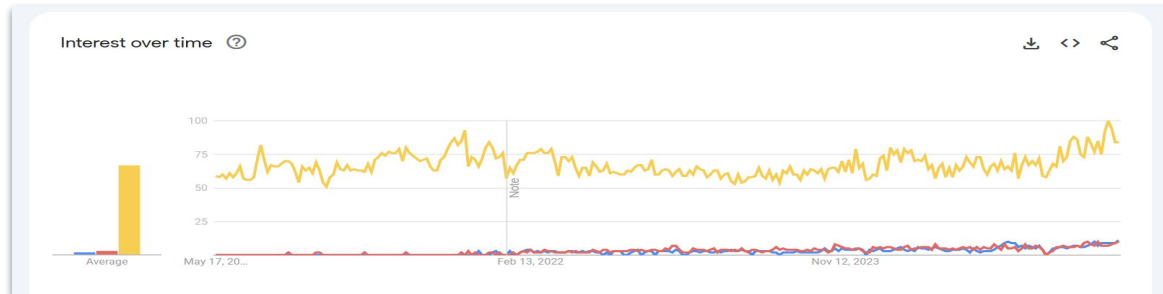
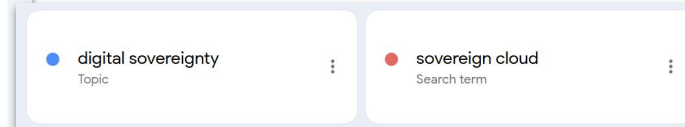
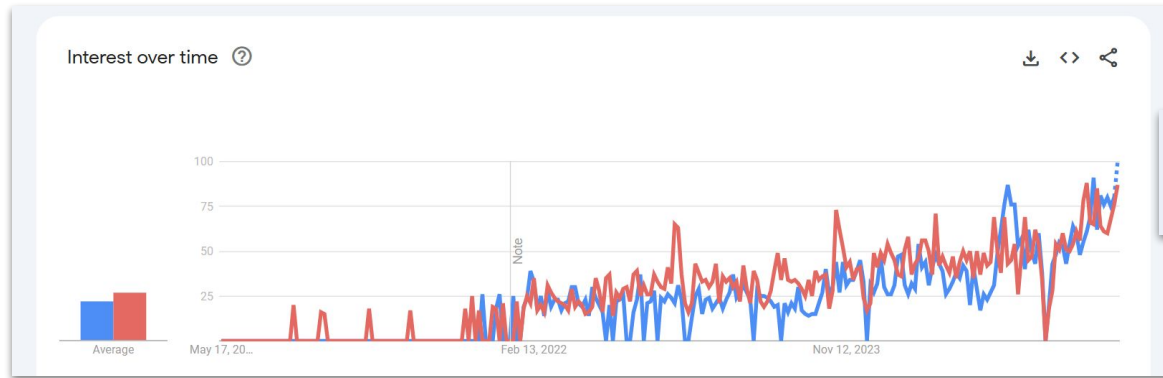
By Stefan Krempf

Google moves to reassure EU cloud users amid concern over Trump threat

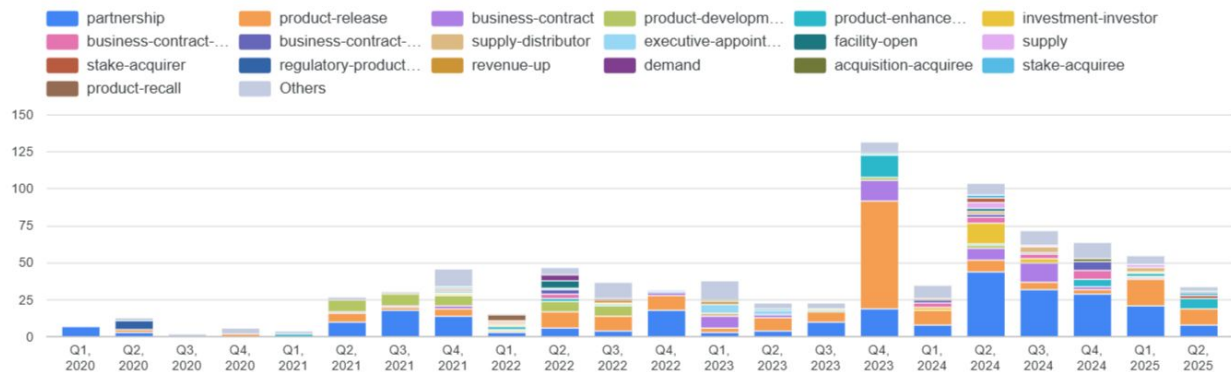
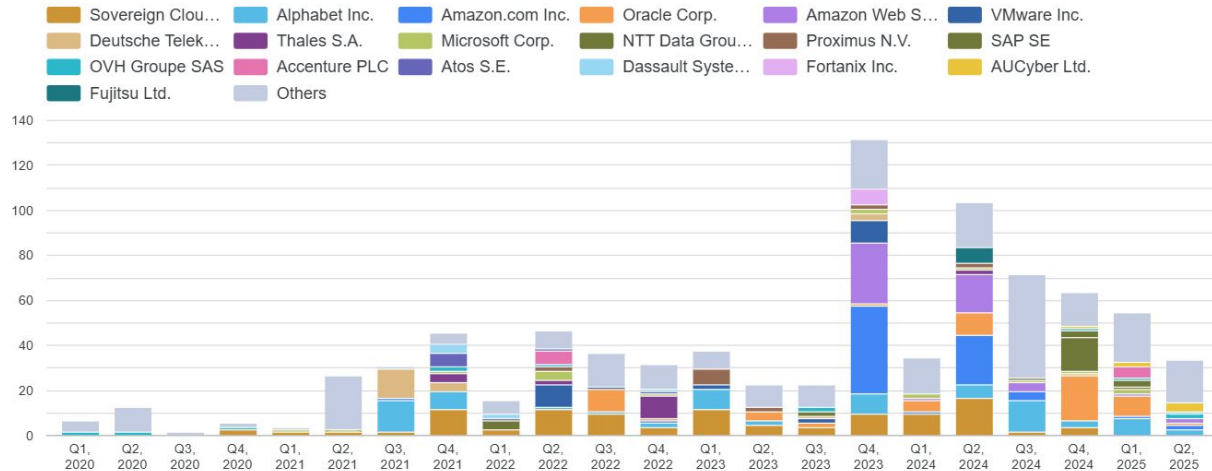


Where do we stand?

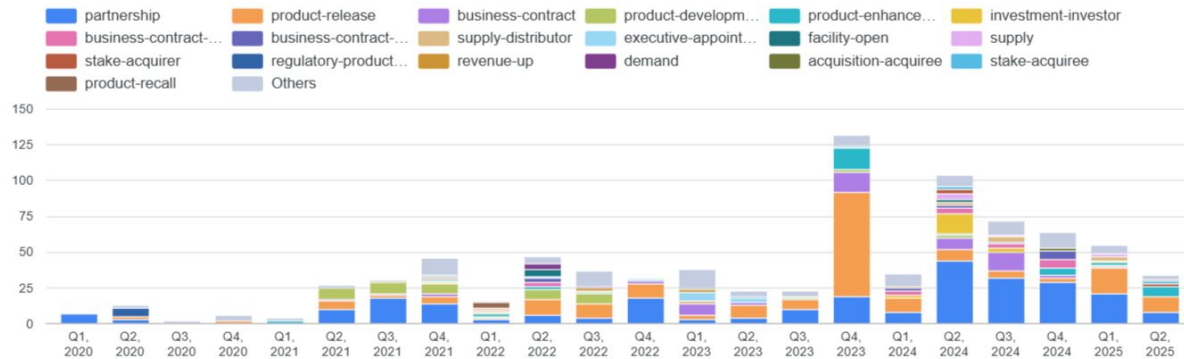
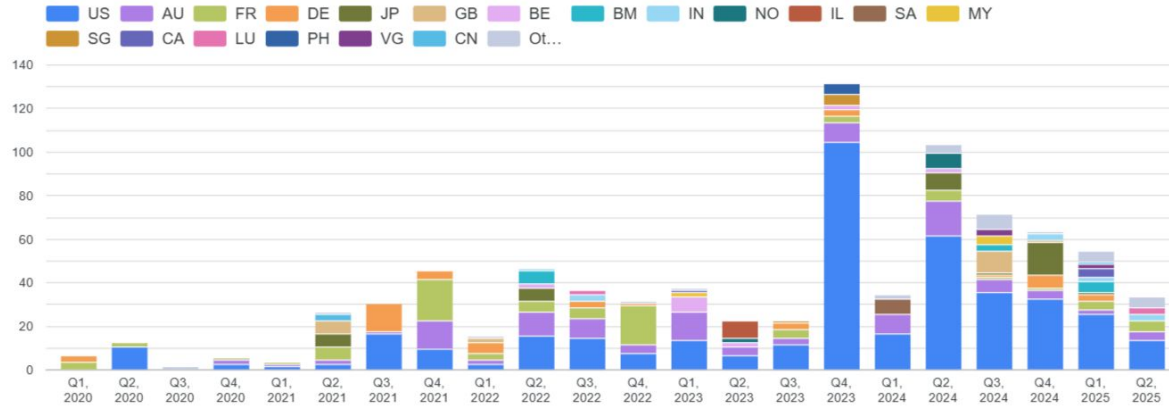
Via Google trends



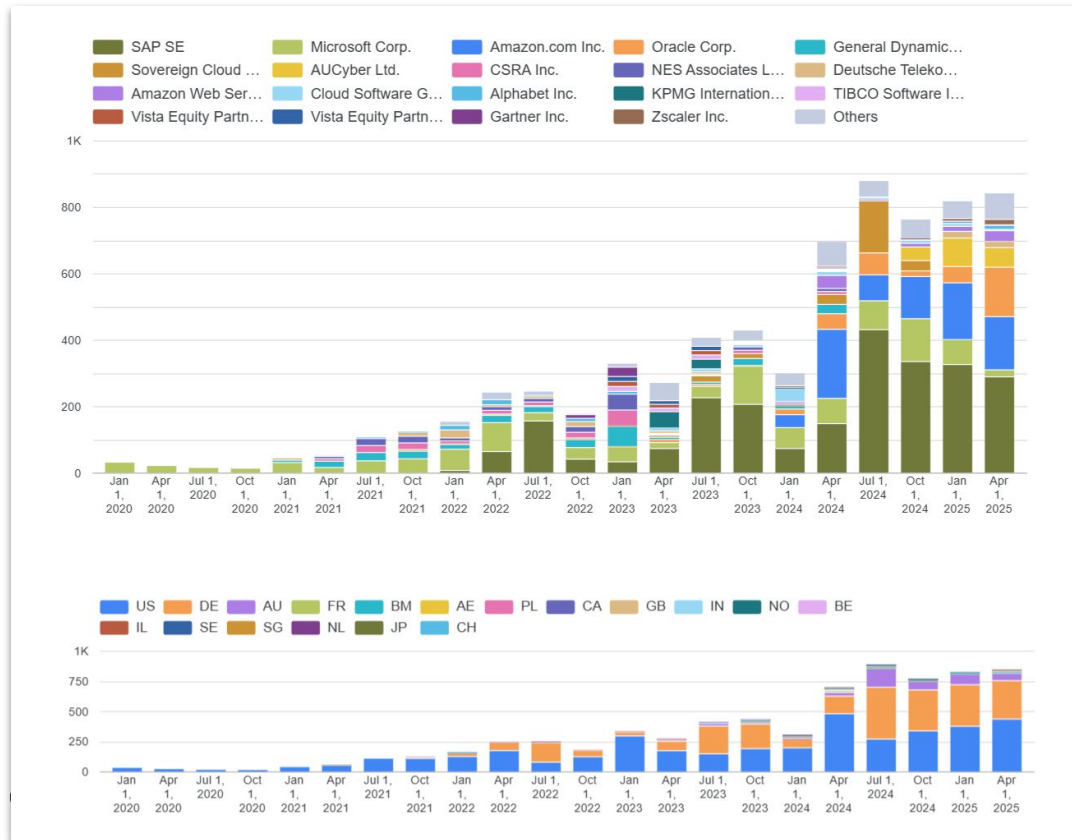
Global news & business events per Entity



Global news & business events per country

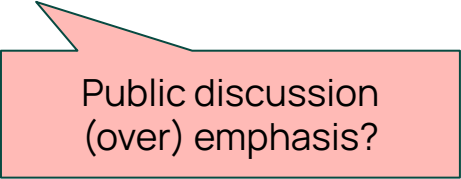


Who is hiring with “sovereign cloud” etc references?



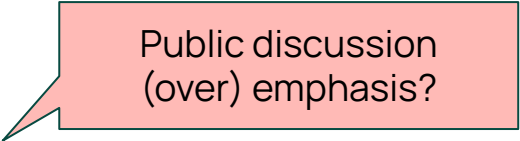
Four domains

1. Digital workplace: M365, Google workspace
2. Core enterprise systems: Salesforce, Dynamics, ServiceNow, Workday...
3. Cloud infrastructure: AWS, Azure, GCP
4. AI



Public discussion
(over) emphasis?

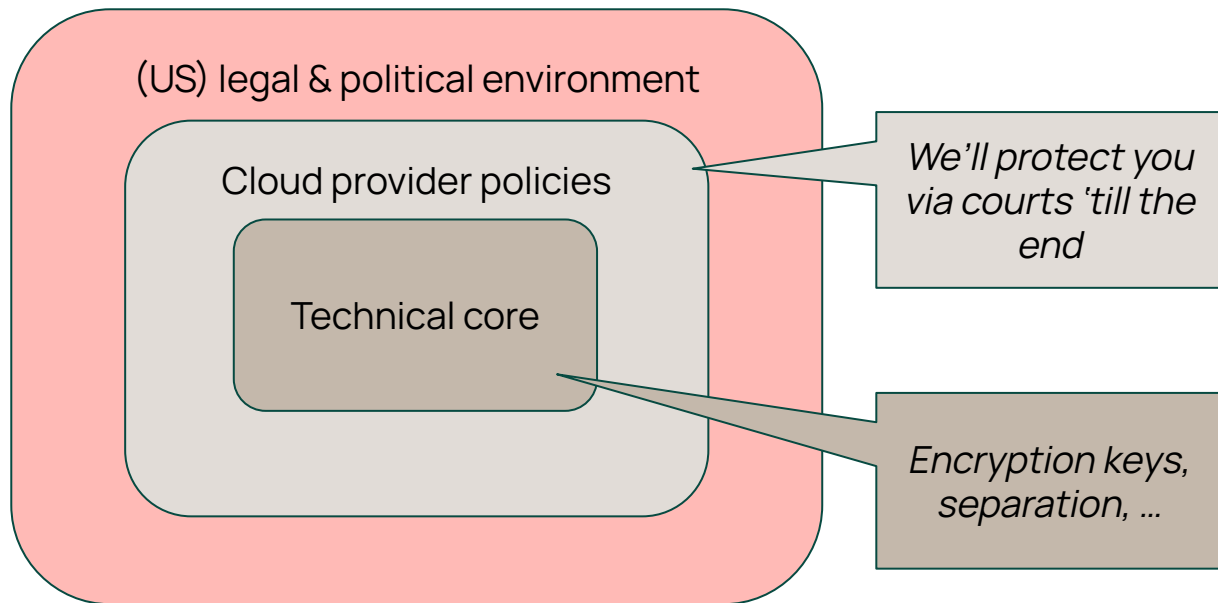
Topics



Public discussion
(over) emphasis?

1. Data sovereignty
2. Business continuity
3. Solution design
4. Regulation
5. Competitiveness
6. Employee experience
7. Trust
8. Overall strategy

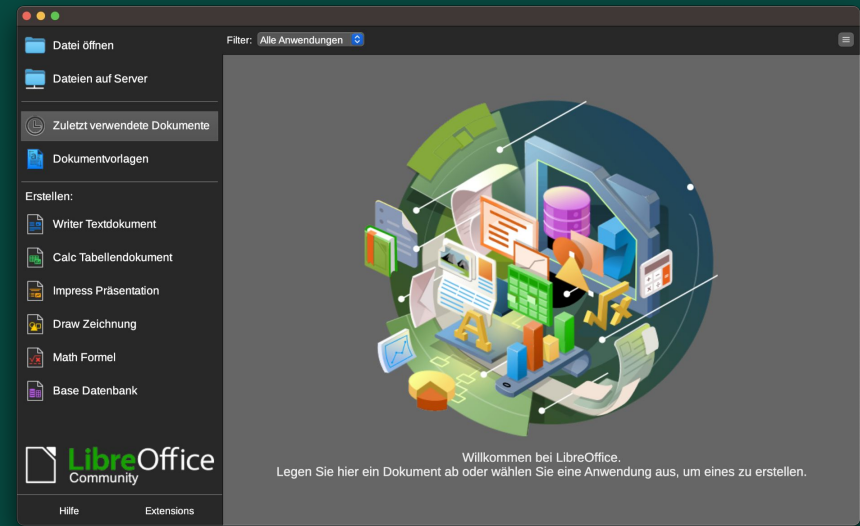
What do we trust?



Trust itself is a topic of its own - regardless whether there is real issue or not

Do we have alternatives?

Digital workplace + collaboration?



Collaboration the European way?



ONLYOFFICE

Latvia EU Open source
Free plan

[Website](#)

ONLYOFFICE is a document collaboration service from Latvia. They offer integrations for several services like SharePoint and Jira as well as self-hosted Cloud services like ownCloud and Nextcloud.

ONLYOFFICE is open source and developed by Ascensio System SIO, headquartered in Riga, Latvia. OnlyOffice is delivered as a SaaS solution or as an installation for private network deployment. They also offer a white label solution.

[Read more](#)



Nuclino

Germany EU Free plan

[Website](#)

Nuclino is a collaborative document editing service from Germany.

[Read more](#)



Nextcloud Office

Germany EU Open source

[Website](#)

Nextcloud Office is the document collaboration service of the Nextcloud suite. Nextcloud is an open source file hosting service for self-hosting. Nextcloud Office is part of the Nextcloud suite and is based on the open source tool Collabora Online.

[Read more](#)



CryptPad

France EU EU hosted
Open source

[Website](#)

CryptPad is an open source document collaboration service that can be self-hosted. CryptPad is zero-knowledge, which means that the operator cannot read the content written on the site. Since it can be self-hosted there are many instances. The most known, which is also driven by the main developers however is cryptpad.fr.

[Read more](#)

Cloud infrastructure

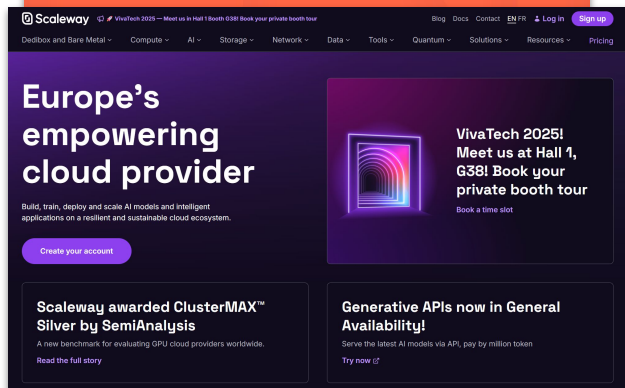
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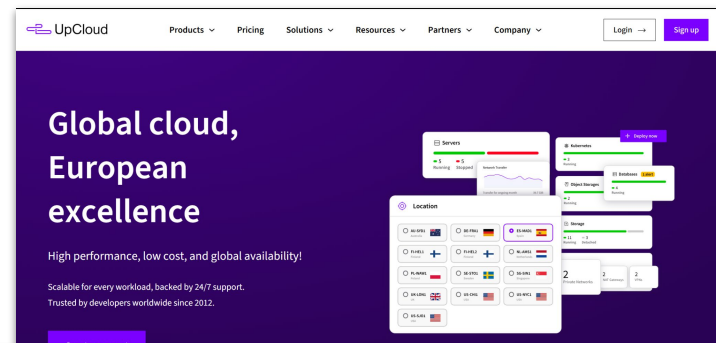
Alternatives



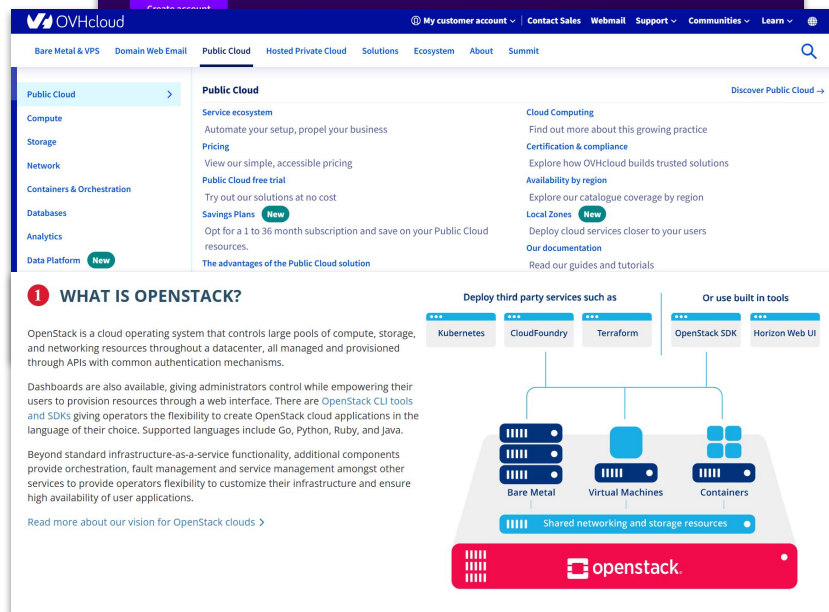
The image shows the top section of the Cleura website. The header is orange with the Cleura logo, navigation links for 'The European cloud', 'Support', and 'Resources', and a search icon. The main banner is also orange and features the text 'A EUROPEAN CLOUD PROVIDER' and 'Deploy with confidence in the European cloud' in large, bold, dark blue letters.



The image shows the top section of the Scaleway website. The header is dark purple with the Scaleway logo, navigation links for 'Dedibox and Bare Metal', 'Compute', 'AI', 'Storage', 'Network', 'Data', 'Tools', 'Quantum', 'Solutions', 'Resources', and 'Pricing', and a 'Sign up' button. The main banner is dark purple and features the text 'Europe's empowering cloud provider' in large, bold, white letters. Below this, there are two smaller sections: one about 'Scaleway awarded ClusterMAX™ Silver by SemiAnalysis' and another about 'Generative APIs now in General Availability!'.



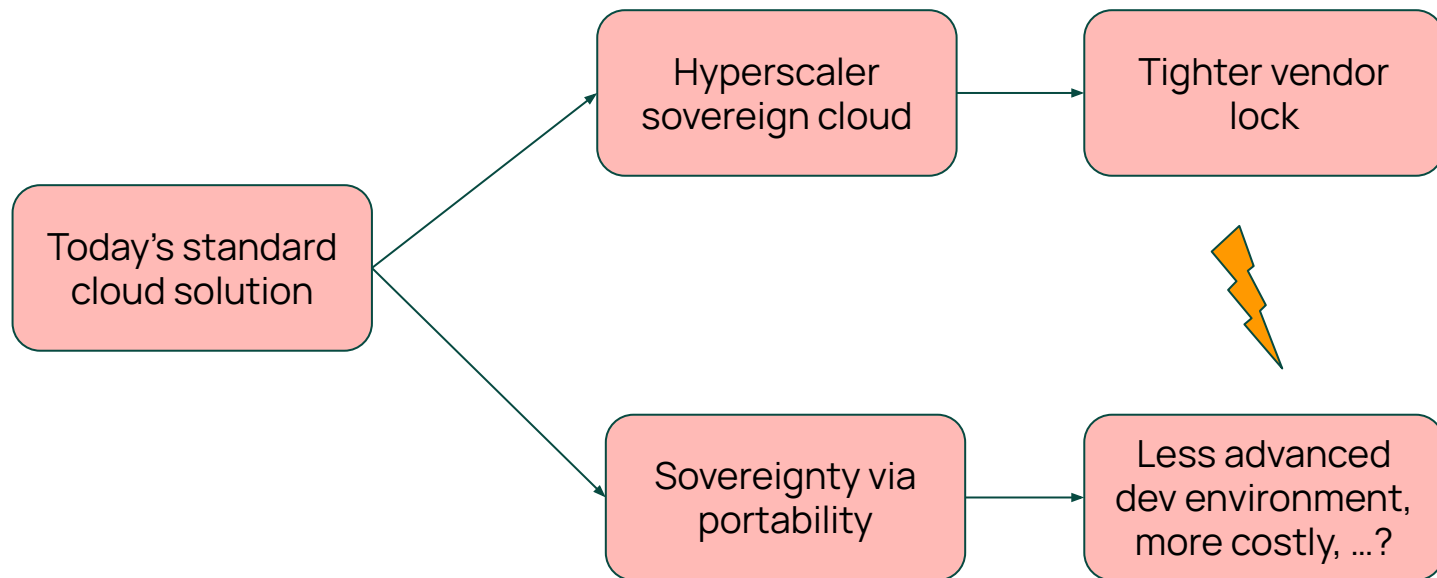
The image shows the top section of the UpCloud website. The header is dark purple with the UpCloud logo, navigation links for 'Products', 'Pricing', 'Solutions', 'Resources', 'Partners', and 'Company', and a 'Login' button. The main banner is dark purple and features the text 'Global cloud, European excellence' in large, bold, white letters. Below this, there is a section titled 'High performance, low cost, and global availability!' and a 'Scalable for every workload, backed by 24/7 support. Trusted by developers worldwide since 2012.' section. To the right, there is a diagram showing a multi-region architecture with servers, load balancers, and databases distributed across different locations.



The image shows the top section of the OVHcloud website. The header is dark blue with the OVHcloud logo, navigation links for 'My customer account', 'Contact Sales', 'Webmail', 'Support', 'Communities', and 'Learn', and a search icon. The main banner is dark blue and features the text 'Public Cloud' in large, bold, white letters. Below this, there is a section titled 'WHAT IS OPENSTACK?' with a diagram showing the OpenStack architecture. The diagram includes a top layer for 'Deploy third party services such as' (Kubernetes, CloudFoundry, Terraform) and 'Or use built in tools' (OpenStack SDK, Horizon Web UI). Below this is a middle layer for 'Bare Metal', 'Virtual Machines', and 'Containers'. At the bottom is a layer for 'Shared networking and storage resources'. The OpenStack logo is at the bottom right of the diagram.

Hyperscalers' sovereign cloud vs decoupling?

Choose the path becomes a strategic decision? = Difficult / costly to change afterwards



Preview

Code

Blame

156 Lines (94 loc) · 3.8 KB



Raw

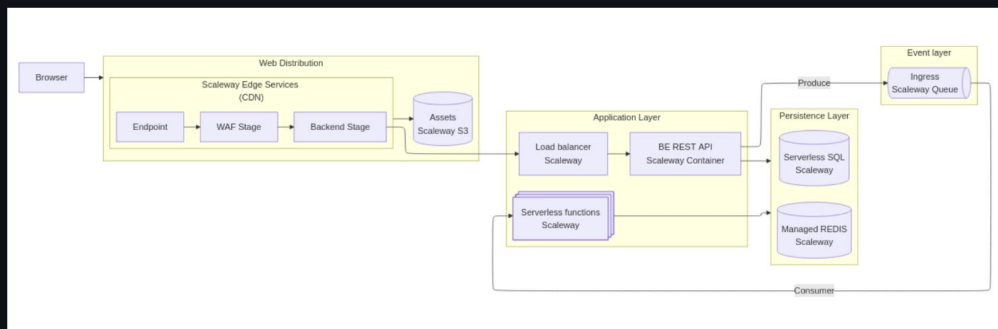


How does this map to a Cloud provider?

Component	AWS	Scaleway
Distribution	CloudFront (and friends)	Edge services
Assets	S3	Object store
Managed containers	Fargate	Serverless Container
Async compute	Lambda	Serverless Functions
Queueing	SQS / SNS	SQS (yes!), NATS
Relational data	Aurora / Managed SQL	Managed SQL
Key store	ValKey	Managed REDIS

Specsheet wise, this looks quite complete, how does it fit together?

Architecture on Scaleway



Criteria	Global Cloud w/ Sovereign Controls	Local Sovereign Provider	Hybrid Cloud Model
Compliance (GDPR, etc.)	High (if EU-only + BYOK, but subject to foreign HQ law)	High (EU jurisdiction, meets local laws)	High (private part in-country, public part managed)
Security & Resilience	Best-in-class security tech, geo-redundant; some political risk	Strong security possible, but less global redundancy; fully sovereign control	Very secure for private portion; need to secure integration points
Services & Innovation	Broadest services (AI, etc.); fast innovation cycle	Moderate, improving (focused services, slower new features)	Moderate; private cloud may have limited services, can use public for some
Cost & ROI	Generally lower unit cost; but potential future costs if compliance fails (fines)	Potential premium cost; ROI in compliance and local support	High upfront for private part; can optimize spend by using public where efficient
Vendor lock-in risk	High – proprietary tech, but mitigated by Data Act portability	Medium – smaller provider, but likely open standards; risk of provider viability	Low technical lock-in (you control private), but complex to switch public part
Feasibility & Team Skills	Feasible if internal cloud skills align with provider tech	Feasible if provider offers managed services; check skill requirements	Most complex – needs skilled team for private + ability to manage two environments

AI

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AI

Classic AI & Generative AI



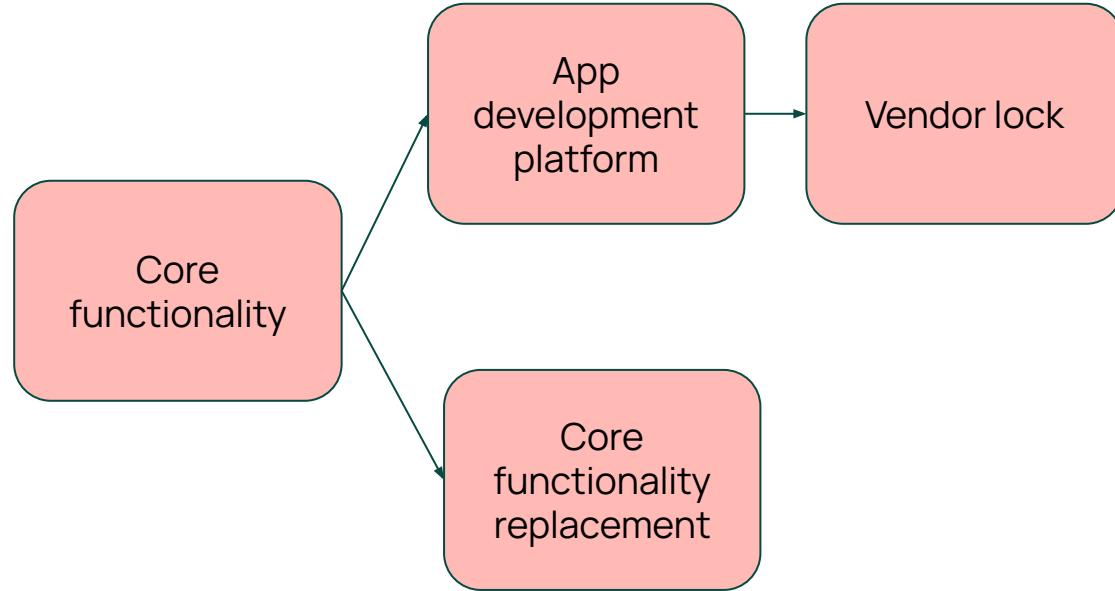
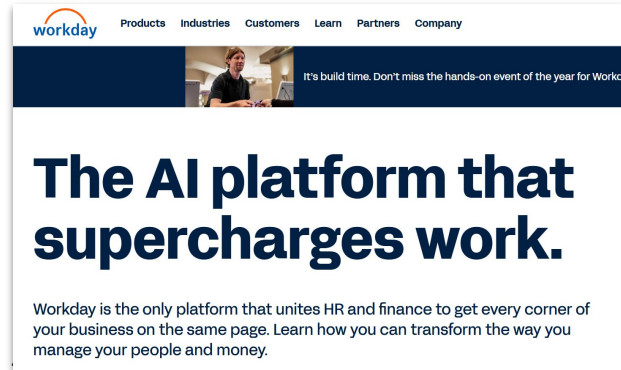
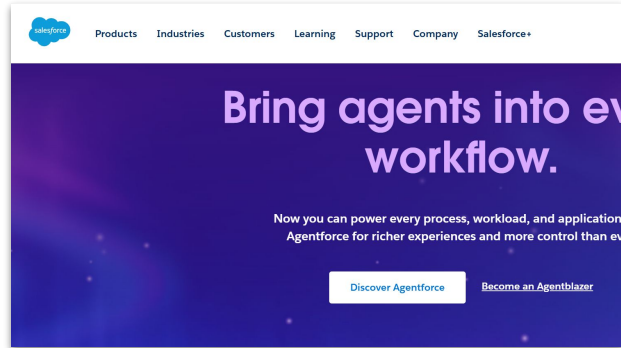
Core enterprise systems

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Core enterprise systems

Salesforce, Workday, ServiceNow, ...

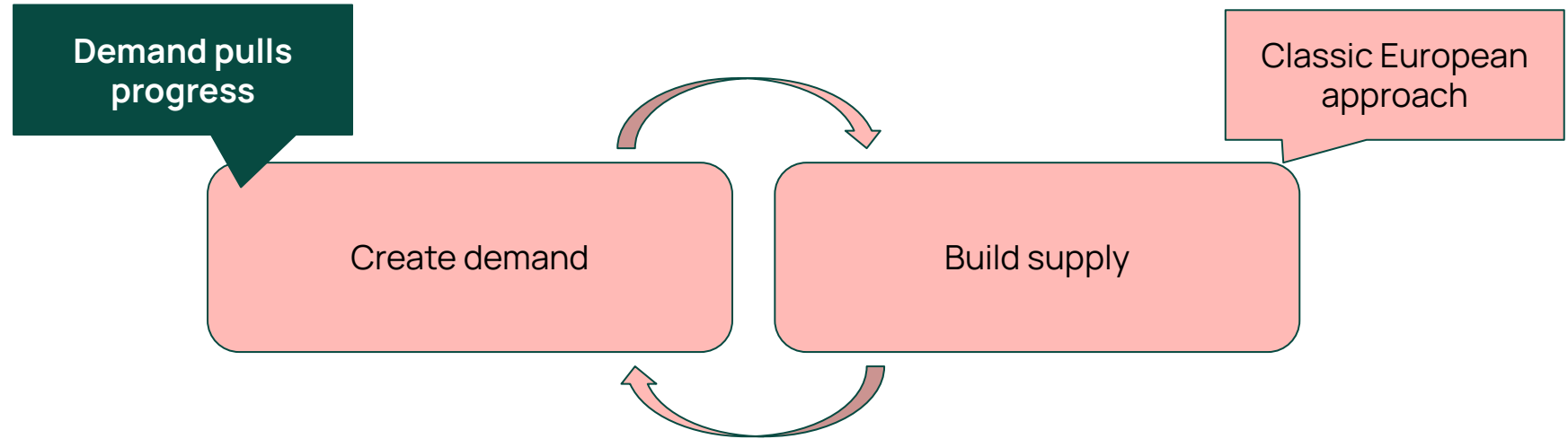


Moving forward

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Build Supply or Demand?



Different strategies

Strategy:	1. Do nothing	2. Prepare & Plan	3. Hybrid	4. Eat & save the cake	5. Execute decoupling
	Do nothing but reassess e.g. annually	Make plans ready that enable quick reaction if needed	Pareto optimise business continuity & competitiveness. Decouple business critical areas. Keep	Find immediate positive business reason for the decoupling. E.g. cloud agnostic approach for cost optimisation; build new business via own usage	Execute decoupling - regardless of cost & competitiveness impact.
Pro	Cost efficient and non-disruptive at least on the short term	Limit cost but speed up reaction in case situation changes	Mitigate the risk of business continuity but keep fast progress in certain areas	Immediate & sustainable business driver makes investment easy	Ensure continuity
Cons	May lead to surprises	Execution might not be fast enough in case of rapid changes	Cost increase, competitiveness impact, complexity. Talent needs.	New strategies are inherently uncertain	Cost Competitiveness Talent(?)

Contact information



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More information, recordings & insights:

- [Futurice GenAI Working Paper](#): 50+ pages of our learnings from 48+ cases
- Lean Meets Data & AI white paper
<https://www.futurice.com/downloads/lean-data-generativeai-whitepaper>
- [Futurice GenAI Playbook](#)
- [London event](#) recording from H1: 43min of live demos + insights
- [Kone case story](#) by Kone
- [1.8M€ research funding announcement](#): 10x productivity in strategy, R&D and sales mngt proceses
- [HBR article](#) featuring also Futurice related to using data & AI to scale an organization
- [HBR article](#) featuring also Futurice regarding Nordic Minimalist Leadership

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